

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	88	(("6011860") or ("4602281") or ("4802759") or ("4593313") or ("4598980") or ("4633304") or ("4784144") or ("4814859") or ("4860091") or ("4953539") or ("5179620") or ("5269289") or ("5419320") or ("5594849") or ("5607429") or ("5653711") or ("5916148") or ("6061583") or ("6061583") or ("6206566") or ("6206825") or ("6230038") or ("6243439") or ("6433543") or ("6462771") or ("6663561") or ("6749562") or ("6764373") or ("6781619") or ("6939292") or ("6956602") or ("6962565") or ("7042488") or ("7084415") or ("7129473") or ("7146095") or ("7160249") or ("7267648") or ("7279671") or ("7379114") or ("7393321") or ("7427747") or ("7465908") or ("7479990") or ("20020038074") or ("20020042556") or ("20020062064") or ("20020066105") or ("20020198439") or ("20030025897") or ("pn.")) PN.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/26 08:57
L2	85	L1 and @ad<"20040902" or @lad<"20040902" or @prad<"20040902" or @ptad<"20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 08:58
L3	84	L1 and @ad<"20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 08:58

L4	0	L3 and(infrared adj light or nearinfrared or IR or infrared adj sensor)and(fingerprint or finger adj print or finger or finger adj tip)and visible adj spectrum	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 09:00
L5	5	L3 and(fingerprint or finger adj print)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 09:01
L6	0	L5 and(infrared adj light or nearinfrared or IR or infrared adj sensor)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 09:01
L7	4	L5 and(infrared adj light or nearinfrared or IR or infrared adj sensor or CMOS or sensor)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 09:02
L8	1	L7 and(different adj wave adj length or wavelength)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 09:03
L9	8262	382/124,100,115,124,151,254.ccls.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 10:03
L10	162	L9 and(infrared adj light or nearinfrared or IR or infrared adj sensor)and(fingerprint or finger adj print or finger or finger adj tip)	USPAT	OR	ON	2009/01/26 10:04

L11	18	L9 and(infrared adj light or nearinfrared or IR or infrared adj sensor)and(fingerprint or finger adj print or finger or finger adj tip)and visible adj spectrum	USPAT	OR	ON	2009/01/26 10:04
L13	18	L11 and(infrared adj light or nearinfrared or IR or infrared adj sensor or CMOS or camera)	USPAT	OR	ON	2009/01/26 10:05
L14	13	L13 and(different adj wave adj length or wavelength)	USPAT	OR	ON	2009/01/26 10:06
L15	12	L14 and(@ad<"20040902" or @lack<"20040902" or @prad<"20040902" or @ptad<"20040902")	USPAT	OR	ON	2009/01/26 10:06
L16	11	L14 and @ad<"20040902"	USPAT	OR	ON	2009/01/26 10:07
L17	10654	600/160,109,300,407,178,309,310,322.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/26 10:15
L18	4798	600/160,109,300,407,178,309,310,322.ccls.	USPAT	OR	ON	2009/01/26 10:15
L19	419	L18 and(infrared adj light or nearinfrared or IR or infrared adj sensor)and(fingerprint or finger adj print or finger or finger adj tip)	USPAT	OR	ON	2009/01/26 10:15
L20	419	L19 and(infrared adj light or nearinfrared or IR or infrared adj sensor or CMOS or camera)	USPAT	OR	ON	2009/01/26 10:16
L21	345	L20 and(different adj wave adj length or wavelength)	USPAT	OR	ON	2009/01/26 10:16
L22	3	L21 and dispersion adj light	USPAT	OR	ON	2009/01/26 10:17
L23	1	L22 and(red or green or blue)and(colors or filters)	USPAT	OR	ON	2009/01/26 10:17
L24	1	L23 and @ad<"20040902"	USPAT	OR	ON	2009/01/26 10:18
L25	1616	385/117,116,115.ccls.	USPAT	OR	ON	2009/01/26 10:19

L26	12	L25 and(infrared adj light or nearinfrared or IR or infrared adj sensor)and(fingerprint or finger adj print or finger or finger adj tip)	USPAT	OR	ON	2009/01/26 10:19
L27	12	L26 and(infrared adj light or nearinfrared or IR or infrared adj sensor or CMOS or camera)	USPAT	OR	ON	2009/01/26 10:19
L28	9	L27 and(different adj wave adj length or wavelength)	USPAT	OR	ON	2009/01/26 10:20
L29	0	L28 and dispersion adj light	USPAT	OR	ON	2009/01/26 10:20
L30	7	L28 and @ad<"20040902"	USPAT	OR	ON	2009/01/26 10:20
L31	508	348/61,68,70,69.ccls.	USPAT	OR	ON	2009/01/26 10:24
L32	9	L31 and(infrared adj light or nearinfrared or IR or infrared adj sensor)and(fingerprint or finger adj print or finger or finger adj tip)	USPAT	OR	ON	2009/01/26 10:24
L33	0	L31 and(infrared adj light or nearinfrared or IR or infrared adj sensor)and(fingerprint or finger adj print or finger or finger adj tip)and visible adj spectrum	USPAT	OR	ON	2009/01/26 10:25
L34	9	L32 and(infrared adj light or nearinfrared or IR or infrared adj sensor or CMOS or camera)	USPAT	OR	ON	2009/01/26 10:26
L35	9	L34 and(different adj wave adj length or wavelength)	USPAT	OR	ON	2009/01/26 10:26
L36	0	L35 and dispersion adj light	USPAT	OR	ON	2009/01/26 10:26
L37	6	L35 and(red or green or blue)and(colors or filters)	USPAT	OR	ON	2009/01/26 10:26
L38	4	L37 and @ad<"20040902"	USPAT	OR	ON	2009/01/26 10:26
L42	0	(information adj processing and emitting adj means and wavelengths and living adj body and light and image adj pickup and dispersion adj means and separation adj means and processing adj means).CLM.	US-PGPUB	OR	ON	2009/01/26 10:37

L45	0	(emitting adj means and pluralitys adj lights and wavelengths and living adj body and light and image adj pickup and dispersion adj means and separation adj means and processing adj means).CLM.	US_PGPUB	OR	ON	2009/01/26 10:40
L47	0	(pluralitys adj lights and different adj wavelengths and living adj body and light and image adj pickup and dispersion adj means and separation adj means and processing adj means)and(infrared adj light or nearinfrared or IR or infrared adj sensor)and(fingerprint or finger adj print or finger or finger adj tip).CLM.	USPAT	OR	ON	2009/01/26 10:42
S1	0	"samir-ahmed.xp"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 17:13
S2	761	Ahmed-Sam\$.xp.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 17:15
S3	63	Ahmed-Sam\$.xa.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 17:15
S4	93	S2 and(fingerprint or finger adj print)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 17:16
S5	12	S4 and(red or green or blue)and colors	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 17:17

S6	0	S5 and dispersion	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 17:17
S7	4	S3 and(fingerprint or finger adj print)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 17:23
S8	7	S4 and infrared adj light	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 17:25
S9	2	S8 and(red or green or blue)and colors	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 17:25
S10	0	S7 and infrared adj light	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 17:26
S11	0	S7 and(red or green or blue)and colors	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 17:26
S12	761	Ahmed-Sam\$.xp.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 13:37

S13	63	Ahmed Sam\$.xa.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 13:37
S14	193	S12 and(red or green or blue)and(colors or filters)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 13:38
S15	0	S14 and dispersion adj light	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 13:38
S16	120	S14 and(plurality or plural\$1)and(light or source or infrared adj light)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 13:44
S17	7	S14 and(plurality or plural\$1)and infrared adj light	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 13:44
S18	3	S17 and(fingerprint or finger adj print or finger)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 13:44
S19	3	S18 and(@ad<"20040902" or @rlad<"20040902" or @prad<"20040902" or @ptad<"20040902")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 13:52

S20	3	S18 and @ad< "20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 13:52
S21	0	S14 and(fingerprint or finger adj print or finger)same (plurality or plural\$1)same infrared adj light	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 13:55
S22	3	S14 and(fingerprint or finger adj print or finger)and (plurality or plural\$1)and infrared adj light	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 13:56
S23	3	S22 and @ad< "20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 13:56
S24	1	S23 and different adj wavelength	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 13:57
S25	2	S23 and wavelength	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:03
S26	27	S13 and(red or green or blue)and(colors or filters)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:22

S27	0	\$26 and dispersion adj light	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:22
S28	10	\$26 and(plurality or plural\$1)and(light or source or infrared adj light)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:23
S29	0	\$28 and(fingerprint or finger adj print or finger)and (plurality or plural\$1)and infrared adj light	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:23
S30	0	\$28 and wavelength	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:24
S31	10	\$28 and(@ad<"20040902" or @rlad<"20040902" or @prad<"20040902" or @ptad<"20040902")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:24
S32	0	S31 and(fingerprint or finger adj print or finger or finger adj tip)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:25
S33	1	\$26 and(fingerprint or finger adj print or finger or finger adj tip)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:25

S34	1	S33 and @ad< "20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:26
S35	10	S31 and @ad< "20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:29
S36	0	S35 and(fingerprint or finger adj print or finger or finger adj tip or skin)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:31
S37	7	S13 and(fingerprint or finger adj print or finger or finger adj tip or skin)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:31
S38	0	S37 and(fingerprint or finger adj print or finger)and (plurality or plural\$1)and infrared adj light	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:31
S39	3	S37 and(fingerprint or finger adj print or finger)and (plurality or plural\$1 or infrared adj light or light adj source)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:32
S40	3	S39 and @ad< "20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:32

S41	0	\$40 and(red or green or blue)and(colors or filters)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:32
S42	6951	wave adj length and(fingerprint or finger adj print or finger or finger adj tip or skin)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:33
S43	0	(information adj processing and emitting and plurality adj lights and wavelength and living adj body and dispersed adj light and signal adj processin). CLM.	US_PGPUB	OR	ON	2009/01/24 14:43
S44	0	(information adj processing and emitting and plurality adj lights and different adj wavelength and living adj body and dispersed adj light and signal adj processin). CLM.	US_PGPUB	OR	ON	2009/01/24 14:43
S45	0	(emitting and plurality adj lights and different adj wavelength and living adj body and dispersed adj light and signal adj processin). CLM.	US_PGPUB	OR	ON	2009/01/24 14:44
S46	0	S42 and emitting and plurality adj lights and different adj wavelength and living adj body and dispersed adj light	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:45
S47	3178	\$42 and(red or green or blue)and(colors or filters)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:46
S48	3	S47 and emitting and plurality adj lights and different adj wavelength and living adj body	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:46

S49	3	S48 and(@ad< "20040902" or @rlad< "20040902" or @prad< "20040902" or @ptad< "20040902")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:47
S50	3	S48 and @ad< "20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 14:47
S51	0	((information adj processing and emitting adj means and dispersion adj means and living adj body and separation adj means and different adj wavelength).CLM.	US_PGPUB	OR	ON	2009/01/24 14:56
S52	0	((information adj processing and emitting adj means and dispersion adj means and living adj body and separation adj means and different adj wavelength)).CLM.	US_PGPUB	OR	ON	2009/01/24 14:56
S53	0	((information adj processing and emitting and dispersion and living adj body and separation and different adj wavelength)).CLM.	US_PGPUB	OR	ON	2009/01/24 14:57
S54	0	((information adj processing and emitting and dispersion and living adj body and separation and different adj wavelength).CLM.	US_PGPUB	OR	ON	2009/01/24 14:57
S55	0	(processing and emitting and dispersion adj lights and living adj body and separation and different adj wavelength).CLM.	US_PGPUB	OR	ON	2009/01/24 14:58
S56	0	(processing and emitting and dispersion adj lights and living adj body and separation and wavelength).CLM.	US_PGPUB	OR	ON	2009/01/24 14:58
S57	0	(emitting and dispersion adj lights and living adj body and separation and wavelength).CLM.	US_PGPUB	OR	ON	2009/01/24 14:58
S58	0	(emitting adj light and dispersion adj lights and living adj body and wavelength adj different).CLM.	US_PGPUB	OR	ON	2009/01/24 15:01

S59	279	((VIDEO) near2 (SATO)).INV.	US_PGPUB; USPAT	OR	ON	2009/01/24 15:01
S60	0	\$59 and emitting and plurality adj lights and different adj wavelength and living adj body and dispersed adj light	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:02
S61	0	\$59 and dispersion adj light	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:03
S62	0	\$59 and emitting and plurality adj lights and different adj wavelength and living adj body	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:03
S63	48	\$59 and(red or green or blue)and(colors or filters)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:03
S64	32	\$63 and(plurality or plural\$1)and(light or source or infrared adj light)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:04
S65	4	\$64 and(fingerprint or finger adj print or finger or finger adj tip)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:04

S66	0	\$65 and dispersion adj light	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:04
S67	2	\$65 and(@ad<"20040902" or @rlad<"20040902" or @prad<"20040902" or @ptad<"20040902")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:05
S68	1	\$67 and @ad<"20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:05
S69	1	\$68 and(fingerprint or finger adj print or finger or finger adj tip)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:08
S70	0	(processing and dispersion adj lights and living adj body and separation and wavelength).CLM.	US_PGPUB	OR	ON	2009/01/24 15:14
S71	214	different adj wave adj length and(fingerprint or finger adj print or finger or finger adj tip or skin)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:16
S72	120	S71 and(plurality or plural\$1)and(light or source or infrared adj light)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:17

S73	112	S72 and(@ad<"20040902" or @rlad<"20040902" or @prad<"20040902" or @ptad<"20040902")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:18
S74	52	S73 and(camera or ccd or CMOS)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:18
S75	42	S74 and @ad<"20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:18
S76	2	S75 and dispersion adj light	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:19
S77	0	S74 and blood and extract\$3 adj unit	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:21
S78	0	S71 and blood and extract\$3 adj unit	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:21
S79	664	blood and extract\$3 adj unit	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:21

S80	209	\$79 and(fingerprint or finger adj print or finger or finger adj tip or skin)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:24
S81	89	\$80 and(plurality or plural\$1)and(light or source or infrared adj light)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:25
S82	0	\$81 and different adj wave adj length and(fingerprint or finger adj print or finger or finger adj tip or skin)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:25
S83	39	\$81 and wavelength and(fingerprint or finger adj print or finger or finger adj tip or skin)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:25
S84	35	\$83 and(@ad<"20040902" or @rlad<"20040902" or @prad<"20040902" or @ptad<"20040902")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:26
S85	32	\$83 and @ad<"20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:26
S86	1850	wavelength adj different and(fingerprint or finger adj print or finger or finger adj tip or skin)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:38

S87	231	\$86 and different adj wavelength and first adj lights	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:39
S88	217	\$87 and different adj wavelength and second adj lights	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:40
S89	171	\$88 and(@ad<"20040902" or @rlad<"20040902" or @prad<"20040902" or @ptad<"20040902")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:40
S90	134	\$88 and @ad<"20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:40
S91	104	\$90 and(plurality or plural\$1)and(light or source or infrared adj light)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:41
S92	0	\$91 and housing and placing adj(finger or fingerprint or finger adj print)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:42
S93	13	\$91 and housing and placing and(finger or fingerprint or finger adj print or tip or fingertip)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:42

S94	2	\$91 and authentica\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/24 15:49
S95	245	sensor adj array and(fingerprint or finger adj print or finger or finger adj tip) and (infrared adj light or nearinfrared or IR or infrared adj sensor)and visible adj spectrum	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 16:40
S96	231	\$95 and(different adj wave adj length or wavelength)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 16:42
S97	210	\$96 and(@ad<"20040902" or @lad<"20040902" or @prad<"20040902" or @ptad<"20040902")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 16:42
S98	162	\$97 and @ad<"20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 16:43
S99	1470	(fingerprint or finger adj print or finger or finger adj tip) and(infrared adj light or nearinfrared or IR or infrared adj sensor)and visible adj spectrum	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 17:23
S100	17	\$99 and captur\$4 adj image\$1 and(fingerprint or finger adj print or finger or finger adj tip)same(infrared adj light or nearinfrared or IR or infrared adj sensor)and visible adj spectrum	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 17:24

S101	13	\$100 and captur\$4 adj image\$1 and(fingerprint or finger adj print or finger or finger adj tip) same(infrared adj light or nearinfrared or IR or infrared adj sensor) and visible adj spectrum and(different adj wave adj length or wavelength)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 17:25
S102	5	\$101 and @ad<"20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 17:25
S103	0	captur\$4 adj image\$1 same(infrared adj light or nearinfrared or IR or infrared adj sensor) same(fingerprint or finger adj print or finger or finger adj tip) same visible adj spectrum same(different adj wave adj length or wavelength)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 17:37
S104	3568	(infrared adj light or nearinfrared or IR or infrared adj sensor) same(fingerprint or finger adj print or finger or finger adj tip)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 17:40
S105	22	(infrared adj light or nearinfrared or IR or infrared adj sensor) same(fingerprint or finger adj print or finger or finger adj tip) same visible adj spectrum	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 17:41
S106	14	\$105 and(@ad<"20040902" or @rlad<"20040902" or @prad<"20040902" or @ptad<"20040902")	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 17:41
S107	13	\$105 and @ad<"20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 17:43

S108	17	S105 and(different adj wave adj length or wavelength)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:36
S109	0	S108 and emitting and plurality adj lights and different adj wavelength and living adj body	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:37
S110	0	S108 and different adj wavelength and living adj body	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:38
S111	0	S108 and emitting and first adj light and(different adj wave adj length or wavelength)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:39
S112	107	(infrared adj light or nearinfrared or IR or infrared adj sensor) same(fingerprint or finger adj print or finger or finger adj tip) and emitting and first adj light and (different adj wave adj length or wavelength)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:40
S113	3	(infrared adj light or nearinfrared or IR or infrared adj sensor) same(fingerprint or finger adj print or finger or finger adj tip) same emitting same first adj light same (different adj wave adj length or wavelength)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:41
S114	2	S113 and @ad<"20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:41

S115	2	S114 and(infrared adj light or nearinfrared or IR or infrared adj sensor) same(fingerprint or finger adj print or finger or finger adj tip) same emitting same second adj light same(different adj wave adj length or wavelength)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:41
S116	0	S115 and misalignment	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:47
S117	96	(infrared adj light or nearinfrared or IR or infrared adj sensor) same(fingerprint or finger adj print or finger or finger adj tip) and emitting and first adj light and second adj light and(different adj wave adj length or wavelength)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:47
S118	5	(infrared adj light or nearinfrared or IR or infrared adj sensor) same(fingerprint or finger adj print or finger or finger adj tip) same emitting same first adj light and second adj light same(different adj wave adj length or wavelength)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:48
S119	3	S118 and @ad<"20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:48
S120	0	S119 and(camera or ccd or CMOS)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:53
S121	30	S117 and(camera or ccd or CMOS)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:54

S122	1	S121 and(infrared adj light or nearinfrared or IR or infrared adj sensor) same(fingerprint or finger adj print or finger or finger adj tip) same emitting same first adj light and second adj light same(different adj wave adj length or wavelength)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:54
S123	0	S122 and @ad<"20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:54
S124	30	S117 and(camera or ccd or CMOS or biosensor)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:57
S125	30	S124 and emitting and(different adj wave adj length or wavelength)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:58
S126	1	S125 and(infrared adj light or nearinfrared or IR or infrared adj sensor) same(fingerprint or finger adj print or finger or finger adj tip) same emitting same first adj light and second adj light same(different adj wave adj length or wavelength)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:58
S127	18	S125 and @ad<"20040902"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:58
S128	18	S127 and emitting and(different adj wave adj length or wavelength)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 18:59

S129	0	S128 and misalignment	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 19:11
S130	5	S128 and(misalignment or alignment)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 19:11
S131	2	S130 and authenticat\$3	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/25 19:12

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